

ROGOZ, Jerzy; PIOTROWSKI, Zygmunt; TENNER, Julian; WIECKOWSKI, Bohdan

Hemorrhagic thrombocythemia. Polski tygod.lek. 15 no.45:1722-1727
7 N '60.

1. Z I Kliniki Chorob Wewnętrznych Sl. A.M. w Zabrze; kierownik:
prof. dr Jozef Japa i z Instytutu Onkologii w Gliwicach; dyrektor:
dr med. Jeremi Swiecki.

(SPLEEN surg)

(HEMORRHAGIC DIATHESIS etiol)

WIECKOWSKI, H.; WIECKOWSKI, M.

Czasopismo Geograficzne - Vol. 25, no. 3, 1954.

Regional exploration of Nida Lake with the participation of school children. p. 309.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

POLAND/Plant Physiology - Photosynthesis:

I.

Abs Jour : Ref Zhur - Biol., No 21, 1958, 95616

Author : Wiecekowsky, S.

Inst : -

Title : Study of Daily Changes of Chlorophyll Concentration in
Plant Leaves of Mountain and Lowland Habitations.

Orig Pub : Acta, Soc. bot. Polon., 1957, 26, No 4, 657-673

Abstract : The assertion of Bikach and Bendel' was checked concerning the fact that the content of chlorophyll in leaves of mountain plants is higher in the morning and evening, but lower in lowland plants than during the day. The use of a strict checking method permitted the author to establish that the content of chlorophyll in the leaves of the *Rumex alpinus* (200 m above sea level), *Asarum europaeum* (200 m above sea level) and *Homogync alpina* (1690 m above sea level) did not undergo daily fluctuations. The chlorophyll content in a unit of area of a leaf decreased in

Card 1/2

POLAND/Plant Physiology - Photosynthesis.

I.

Abs Jour : Ref Zhur - Biol., No 21, 1958, 95616

proportion to its distance from the central vein. --
M.B. Shternberg.

Card 2/2

- 7 -

WIECKOWSKI, S.

Relation between the increase of dry and fresh weights and chlorophyll formation in the leaf. Bul Ac Pol biol 8 no.8:357-362 '60.

(EEAI 10:3)

1. Laboratory of Plant Physiology, Jagiellonian University, Cracow.
Presented by B.Pawlowski.

(LEAVES)

(CHLOROPHYLL)

WIECKOWSKI, S.

Physiological and biochemical studies on the final stages of chlorophyll biosynthesis. Wladom botan 8 no.1:3-25 '64.

1. Department of Plant Physiology, Jagiellonian University, Krakow.

WIECKOWSKI, S.; SZCZEPANEK, K.

Assimilatory pigments from subfossil fir needles (*Abies alba* Mill.),
Acta soc. botan Pol 32 no.1:101-111 '63.

1. Laboratory of Plant Physiology, Jagellonian University, Krakow.
and Laboratory of Paleobotany, Jagellonian University, Krakow.

WIECKOWSKI, Stanislaw (Krakow)

Assimilating coloring matters. Wszechswiat no.11:278-283 H
'62.

WIECKOWSKI, S.

The influence of temperature and light intensity on the leaf growth and chlorophyll synthesis. Acta soc botan Pol 32 no.4: 719-730'63.

1. Laboratory of Plant Physiology, Jagiellonian University, Krakow.

Wieckowski, Tadeusz

Poland /Chemical Technology. Chemical Products
and Their Application

I-12

Silicates. Glass. Ceramics. Binders.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31505

Author : Wieckowski Tadeusz

Title : Accelerated Heating of Machine-Bottom Chamber
in Drawing of Sheet Glass by the Fourcault Method

Orig Pub: Szklo i ceram., 1956, 7, No 11, 308-310

Abstract: A more efficient arrangement is proposed for the heating, with producer gas, of machine-bottom Fourcault chamber, in the manufacture of sheet glass. In lieu of a single burner it is proposed to install two burners and to modify the secondary air feed and removal of gases. Putting in practice of the proposed improvements makes it

Card 1/2

Poland /Chemical Technology. Chemical Products
and Their Application

I-12

Silicates. Glass. Ceramics. Binders.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31505

possible to reduce the time required to heat the chamber from 6 to 4 hours, and to raise the rate of production of sheet glass, 160 mm wide and 2 mm thick, to 70 meters per hour, while necessitating only modest expenditures. A diagram is included.

Card 2/2

S/264/62/000/006/003/008
I064/I242

AUTHOR: Wieckowski, Tadousz

TITLE: Undercarriage for V.T.O.L. aircraft

PERIODICAL: Referativnyy zhurnal, Vozdushnyy transport. Svodnyy tom, no. 6A, 1962, 17, abstract 6A112P. (Polish patent, class 62b, 41/01, no. 44267, March 13, 1961)

TEXT: An undercarriage for VTOL aircraft is proposed, with three or more support points. The undercarriage may assume any position depending on configuration of the landing ground. A hydraulic drive permits removal of undercarriage during flight and placement of the aircraft in any required position in the parking area.

[Abstracter's note: Complete translation]

Card 1/1

WIECKOWSKI, Tadeusz

(M.)

30th anniversary of the Warsaw Aviation Club; an interview with its chairman, Tadeusz Wieckowski.

P. 3, (Skrzylata Polska, Vol. 13, no. 43, Oct. 1957, Warszawa, Poland)

MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (LFAI) LC. VOL. 7, no. 2,
FEBRUARY 1958

OSINSKI, Janusz; WIECKOWSKI, Wincenty

Tuberculin and hemagglutination reactions in cattle infected with the avian type of tubercle bacilli. Preliminary communication. Gruzlica 31 no.6:718-722 Je'63

1. Instytut Gruzlicy, Warszawa, Powiatowy Zarząd Weterynarii, Tuchola.

*

WIECHOWSKI, Wladyslaw

Case of porphyria cutanea tarda. Pol. tyg. lek. 20 no.39:
1468-1469 27 S '65.

1. Z Kliniki Chorob Zakaznych AM w Bialymstoku (Kierownik:
doc. dr. med. Piotr Boron).

FILIPOWICZ, B.; LEYKO, W.; WIECKOWSKI, W.

Nucleic acids of the pancreas. Acta physiol. polon. 3 Suppl. 3: 261-264 1952. (CML 24:1)

1. Of the Institute of General and Physiological Chemistry (Head--Prof. B. Filipowicz, M.D.) of Lodz Medical Academy.

GOLDSCHMIED, Aleksander; WIECKOWSKI, Wladyslaw; ZANDBERG, Hanna

Calciuria in renal diseases. Polskie arch. med. wewn. 26 no.8:
1201-1202 1956.

(KIDNEY DISEASES, urine in,
calcium (Pol))
(CALCIUM, in urine,
in kidney dis. (Pol))

WIECKOWSKI, Wladyslaw; WITKOWSKI, Slawomir

Chemical methods of analysis of nucleic acids. Postepy
biochem. 2 no.1:91-105 1956.

1. Zaklad Chemii Fizjologicznej Akademii Medycznej w Lodzi
Kierownik: prof. dr. B. Filipowicz.
(NUCLEIC ACIDS, determination,
analytic methods, review (Pol))

WIECKOWSKI, Zbigniew, mgr inż.

Problem of improving the machinability of free cutting steel. Przegl mech 23 no.7:215-216 10 Ap '64.

1. Zjednoczone Zakłady Rowerowe, Bydgoszcz.

SECRET
SIDOROWICZ, W.; OSINSKI, T.; WIECLAWEK, B.

Vitamin C in urine of cyclists. *Polski tygod. lek.* 6 no. 37: 1183-1185 10 Sept. 1951 (CML 21:3)

1. Of the Second Clinic of Internal Diseases (Head--Prof. M. Semerau-Siemianowski, M. D.) of Warsaw Medical Academy and of the Main Medical Center for Sportsmen (Director--Z. Zajaczkowski, M. D.), Warsaw.

WIECLAWEK, B.

SIDOROWICZ, W; OSINSKI, T; WIECLAWEK, B.

Behavior in vitamin C in urine of skiers. Polski tygod. lek.
7 no.7-8:187-191 18 Feb 1952. (CIWL 22:2)

1. Of the Second Clinic of Internal Diseases (Director--Prof. M. Semerau-Siemianowski, M. D.) of Warsaw Medical Academy and of the Medical Consultation Center for Athletes (Director--Z. Zajaczkowski, M. D.) in Warsaw.

V. H. H. W. H. H.
ALEKSANDROW, Dymitr; ASKANAS, Zdzislaw; OSINSKI, Tadeusz, WICLAWIE,
Bonifacy; WYSZNACKA, Wanda.

Toxicity of pelentan in chronic circulatory insufficiency.
Kardiolog. polska 1 no.1-2:60-66 1954.

1. Z II Kliniki Choroib Wewnetrznych AM w Warszawie, Kierownik:
prof. dr med. M. Semerau-Siemianowski.

(CONGESTIVE HEART FAILURE, therapy,
ethylbiscoumacetate, compl.)

(COUMARIN, derivatives,
ethyl biscoumacetate, ther. of congestive heart
failure, compl.)

MICHAJLIK, A., OSINSKI, T.; WIECTAWEK, B.

Determination of the coefficient of per-abrodil clearance and renal flow rate per minute. *Poskie arch.med.wewn.* 25 no.2: 283-289 '55.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Warszawie. Kierownik: prof. dr med. D Aleksandrow. II Klinika Chorob Wewnętrznych A.M. w Warszawie, ul. Nowogrodzka 59.

(KIDNEY FUNCTION TESTS,

determ. of coefficient of clearance & renal flow rate per minute.)

WIECLAWEK, Bonifacy; RZEWNIS, Krystyna; ROSLIK, Danuta

Studies on the synergistic action of tetracycline and erythromycin.
II. Studies in vivo. Med.dosw.mikrob. 13 no.3:293-302 '61.

1. Z Zakladu Analitycznego Instytutu Antybiotykow w Warszawie i
Laboratorium Analitycznego Wydzialu Zdrowia Warszawa - Wola.

(TETRACYCLINE pharmacol) (ERYTHROMYCIN pharmacol)

POLANE

RZEWNIS, Krystyna and WIECLAW EK, Bonifacy, Analytical Department (Zaklad Analityczny), Institute of Antibiotics (Instytut Antybiotykow) in Warsaw (Director: Docent, Magister Inzynier, Bonifacy WIECLAW EK)

"Determination of Antibiotic Contents in the Organs and Tissues of Chickens Fed on a Diet Supplemented with Chlor-tetracycline."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 7, Jul 63, pp 398-400

Abstract: [Authors' English summary modified] Authors' investigation, summarized in a table, revealed that when chickens obtained the antibiotic in the food, traces of it were found in the stomach content, but not in the meat or internal organs. If the antibiotic was administered by injection no traces of it were found in the blood serum or intestinal content, but did appear in the meat, kidney bile, liver, contents of stomach and duodenum. Boiling or frying the meat for 15 minutes inactivated the antibiotic completely. There are 8 references: 1 Polish, 3 German, and 4 Western.

1/1

Natural gases. IV. Fractionation of the hydrocarbons
of low boiling point of liquefied natural gas. K. Kling
and B. Wiclawski. *Farmyds Chem.* 10, 424-33(1934);
C. A. 22, 4772.—App. and methods serving for the
fractionation of liquefied Boryslaw natural gas are de-
scribed. C_2H_6 , C_3H_8 , n- and iso- C_4H_{10} have been isolated,
and their b. ps., vapor pressures and ds. compared with
those found for the corresponding products of American
origin. H. C. A.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

21

Ca

Chemical investigations on natural gases. V. Determination of low-boiling hydrocarbons in liquefied natural gas. K. Kling and H. Wielewicz. *Przemysl Chem.* 10, 1327 (1930). A special apparatus was designed somewhat according to that of Polbichniak (*C. A.* 27, 3115) which is easy to operate and gives results with an accuracy of 0.5%. It was first tested on mixts. of gases artificially made up and then applied to natural gases. Good agreement on check runs was obtained. The compn. of "Garol" which comes under a pressure of 6 atm. was found to be: C₁H₄, 1.9, C₂H₆, 48.2, isobutane 21.8, butane 25.2 and losses 0.9%. "Butane Eteryn" had this compn.: propane 7.4, isobutane 28.0, butane 62.0 and losses 1.3%. "Propane Eteryn" had over 75% propane, and about 10% isobutane. Butane Eteryn is sold under a pressure of 8 atm. and the Propane Eteryn under a pressure of 10 atm. A. C. Zachlin.

ASME SLA METALLURGICAL LITERATURE CLASSIFICATION

Motor fuels from low-temperature tars. Boniface, Wlodek. *Przemysł Naftowy* 13, 553-8(1938).—Light fractions were sepd. by the destructive distn. (I) of coal and by the hydrogenation (II) of medium-heavy oils and heavy tar (with a molybdenum catalyst under pressure). II gave as much as 30% gasoline. It is also shown that the gasoline obtained by I had a slightly higher octane no. (78) than that obtained by II (76). The sp. gr. of I was 0.852 and of II, 0.794; the ratio of H:C of I, 1.5 and of II, 1.0; the heat of combustion of I, 10,300 and of II, 10,710 cal. per kg.; the chem. compn. (aromatic, paraffin, naphthalene, and unsatd. compds.) was, resp., 67.0, 18.0, 10.7 and 4.0% for I, and 52.0, 21.8, 26.2 and 0.0% for II. Frank Gonet

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

[illegible]

COMMON ELEMENTS										COMMON VARIABLES INDEX									
1ST AND 2ND COLUMNS										3RD AND 4TH COLUMNS									
PROCESSES AND PROPERTIES INDEX																			
<p><i>ca</i></p> <p>Composition and methods of utilization of tar obtained in direct-heating ovens. Bonifary Wieslaw. <i>Przemysl Chem.</i> 22, 532-6 (1938). The contents of some of the more important products in the low-temp. tar, obtained from an exptl. oven, were detd. The tar examd. does not differ from the ordinary low-temp. tar used for manuf. purposes in the Polish chem. industry. Gasoline obtained either from the tar or from the distn. gases (by means of active C) is a good motor fuel. Edward A. Ackermann</p> <p>21</p>																			
<p>ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION</p>										<p>1ST AND 2ND COLUMNS</p>									
<p>3RD AND 4TH COLUMNS</p>										<p>5TH AND 6TH COLUMNS</p>									

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
COMMON ELEMENTS																										COMMON VARIABLES																									
<p>WIECLAWEK R</p> <p>13</p> <p>PROCESSES AND PROPERTIES INDEX</p> <p>Problems of the Polish organic chemical industry. B. Wieclawek. <i>Przemysl Chem.</i> 3, 75-82(1947)(in Polish).—A review of the prewar, present, and future status of the Polish org. chem. industry covering production, plant capacity, and consumption of intermediates, dyes, pharmaceuticals, permissible explosives, rubber, plastics materials, and wood-distn. products. P. Gmies</p>																																																			
<p>ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																																																			
<p>1ST AND 2ND ORDERS</p> <p>3RD AND 4TH ORDERS</p>																																																			

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CH

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Colors for food products. B. Wiclaew (Inst. Przemysłu
Spożywczego, Warsaw). *Przemysł Rolny i Spożywczy* 4,
104-8(1950).—A review. W. Seybalek

1967

WIECLAWEK, B.

1952
✓ Więclawek B. Synthetic Dyestuffs and their Use in the Confectionary Industry.

16411:577.61

lish Technical Abst.

. 1 1954

Chemistry and Chemical Technology

„Baryniki syntetyczne i ich zastosowanie w przemyśle cukierniczym”. (Prace Gl. Inst. Przem. Roln. i Spoż. No. 2), Warszawa, 1952. PWT, 8.5 pp., 8 tabs.

The food industry's progressively rising requirements as regards the quality of synthetic dyestuffs are due to certain unwholesome effects which have been revealed in a number of these dyestuffs. Dyestuffs of Polish production are entirely suitable for confectionary industry purposes. Several tests over purifying such dyestuffs were made, limiting the tests to 5 typical dyestuffs, i.e. indigo-carmin, tartrazine, orange I, amaranth and cochineal red. Next—several standard dyestuffs, and mixture of them for use in the confectionary industry, were prepared. Both dyestuffs and mixtures were studied analytically, and the characteristic properties, which the dyestuffs or mixtures prepared for the food industry should possess, were determined. The dyestuffs, and the mixtures of them were tested on a factory scale and used for dyeing lozenges and fondants.

WIEGLAWSKI, H.

1080. Colorimetric determination of chlorophyll in foodstuffs. H. Wieglański (*Przem. Rol. Spoż.* 1983, 7 [9], 336-338). This is a preliminary report on work carried out to establish standard testing methods for the determination of artificial dyestuffs in food. Pure K chlorophyllin was extracted from nettle, clover, lupine, peppermint and other plants, giving 0.13 to 0.27 per cent. of chlorophyll, calculated on dry substance; 0.7 to 1.0 per cent. was obtained from vegetable fats. Standard solutions were prepared of K chlorophyllin, Na chlorophyllin and K chlorophyllin-copper complex. These standard solutions served to establish the max. absorption at 650 m μ . The chlorophyll contents of various plants, artificially coloured fruit juices and fats were established by comparison with the standard solutions on a Coleman spectrophotometer. The extinction for filtered juice from greenage compote was 0.042, and from the curve established for a 0.5 per cent. w/v potassium chlorophyllin soln. without copper, a value of 0.800 was found with the 660-m μ filter. From this the K chlorophyllin content was 12.5 mg. per 100 ml. The concn. of crude chlorophyll in unrefined rape-seed oil was found to be 41 to 42 mg per 100 ml, which is equivalent to 27.5 mg per 100 ml of pure chlorophyll. The method is applicable to the determination of traces of chlorophyll in foodstuffs and to the characterisation of natural chlorophyll in plants.

H. BURSTIN

WIECLAWER, BONIFACY

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C
H
Production of chlorophyll [and chlorophyllin] and the industrial applications thereof. Bonifacy Wiedawek and Krzysztof Gutorski (Zakład Barwników Spożywczych GIPRIŚ, Warsaw). *Prace Głównego Inst. Przemysłu Rolnego i Spożywczego* 4, No. 3, 32-9(1964).—The best Polish raw material available for the manuf. of chlorophyll (I) and chlorophyllin (II) is lucerne (alfalfa). It is extd. with petr. ether, the obtained ext. is used for the prepn. of carotene and lipides. Then follows an Me_2CO extn. and extn. with MeOH ; from which ext. xanthophyll may be prepd. Finally follows an adsorption on talcum, from which the I is eluted with Et_2O ; the residual talcum contains the II and some phytol. Both I and II obtained are sufficiently pure for practical use.
Werner Jacobson

Wieclawek, B.

Obtaining of enzymatic preparations of the diastase and protease group for textile finishing. Biuletyn Lab.

p. 7 (Przemysl Wloclawicki. Vol. 10, no. 6, June 1956. Lodz, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

RZEWNIS, Krystyna; ROSLIK, Danuta; WIECLAWEK, Bonifacy

Studies on the synergistic activity of tetracycline and erythromycin. I. Studies in vitro. Med.dosw.mikrob. 12 no.4:411-416 '60.

1. Z Zakladu Analitycznego Instytutu Antybiotykow w Warszawie.
(TETRACYCLINE pharmacol)
(ERYTHROMYCIN pharmacol)

POLAND

RZEWNIS, Krystyna and WIECLAWEK, Bonifacy, Analytical Dept. (Zaklad Analityczny) of the Institute of Antibiotics (Instytut Antybiotykow) in Warsaw (Director: Docent Bonifacy WIECLAWEK)

"Residue Analysis in Eggs Laid by Chlortetracycline-fed Hens."
Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 4, Apr 63, pp 199-200.

Abstract: [Authors' English summary] Chlortetracycline showed up in 20 percent of the eggs of hens fed normal nutrient additive and in 90.4 percent of the eggs of hens fed 100 and 250 mg of the antibiotic per kilogram of feed [more frequently and in greater quantities in the whites than in the yolks of the eggs]. Of the six (6) references, one is in German, and the others are English sources.

1/1

POLAND

HORODECKA, Maria; WIECLAVEN, Bonifacy.

Department of Analytical Chemistry, Institute of Antibiotics
(Zaklad Analizy Instytutu Antybiotykow), Warsaw - (for both).

Warsaw, Chemia analityczna, No 6, November-December 1965, pp 1363-
1364.

"The modified method of spectrophotometric determination of erythromycin
in fermentation worts."

P.T.A. WIECZFFINSKI, K.

*Chemistry + Chemical
Technology*

537

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Niewiadomski H. Wieczffinski K. Remarks on Countercurrent Evaporation Battery.

„Kilka uwag o baterii wyparnej przeciwprądowej”. *Przemysł Chemiczny*, No. 6, 1950, pp. 333-337, 3 figs., 1 tab.

For the concentration of solutions, industry makes use of evaporation apparatus batteries, mostly working on the principle of common current. There are, however, many reasons, why in certain cases preference should be given to a countercurrent battery. In planning industrial machinery and choosing the right method, the costs of both should be gauged: installation and exploitation of the plant. In most cases, the costs of the processing govern the decision. For instance, the countercurrent method proved economical for concentration of caustic soda liquor for the production of solid sodium hydroxide.

WIECZFAINSKI, K.

Preparation of arsenic phosphate. K. Wiczmanski
(Wojskowa Akad. Tech., Warsaw). ~~Bul. Wajikowej~~
~~Akad. Tech. 6, No. 32, 40-3(1967).~~ An equimolar As_2O_3 -
 P_2O_5 mixt. was heated at 250° for 8 hrs., treated with distd.
 H_2O , and analyzed for As^{+++} and PO_4^{---} . The As^{+++}
content above that corresponding to the As_2O_3 soly. was at-
tributed to $AsPO_4$. The Ag_3PO_4 - AsI_3 mixt. was heated at
220, 270, or 320° for 12 hrs., treated with 200 ml. distd.
 H_2O , and filtered from AgI . The As/PO_4 ratio in the
1/ filtrate was found to be 1:1. A. Szolc

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AEX

5/10

COUNTRY	: Poland	C
CATEGORY	:	
ABS. JOUR.	: RZKhim., No. 22 1959, No.	78114
AUTHOR	: <u>Wieczffinski, K.</u>	
INST.	: Not given	
TITLE	: Transformations of Sodium Hypophosphite in Solid State Reactions.	
ORIG. PUB.	: Roczniki Chem, 32, No 6, 1251-1242 (1958)	
ABSTRACT	: Reactions occurring when NaH_2PO_2 is heated in the solid state have been investigated. From author's summary	

CARD: 1/1

67

21
 V Solid-phase reactions of sodium arsenite oxidized with
 iodine, or some mercury salts. K. Wierzbicki, *Biol.*
Wojtkowski Akad. Tech. Prace Chem. 7, No. 58, 75-81
 (1958).—The following mixts. (molar ratio given) were
 heated for 12 hrs.: NaH_2AsO_3 (I)-iodine (1:1); $\text{I-Hg}_2\text{Cl}_2$
 (4:1); $\text{I-Hg}_2\text{Cl}_2$ (2:1); I-HgCl_2 (2:1), at 280° , and I-
 NH_2HgCl (2:1) at 180° , and were found to give, resp.:
 $\text{Na}_2\text{H}_2\text{As}_2\text{O}_7$ (II) and $\text{Na}_2\text{H}_2\text{As}_2\text{O}_7$ (III); NaH_2AsO_3 (II)
 and $\text{Na}_2\text{H}_2\text{As}_2\text{O}_7$; II and III; II and III; and $(\text{OH})_2\text{NH}_2$ -
 H_2AsO_3 , probably together with $2(\text{Hg}_2\text{O.HgCl}) \cdot 3\text{Hg}_2(\text{AsO}_3)_2$.
 A. Szafranski

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 4020

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4
Preparation of AsAsO_3 . K. Wiczyłiński and K. Radom-
ska. *Biul. Wojskowej Akad. Tech., Prace Chem.* 7, No. 38,
82-4 (1958).—A $\text{Ag}_3\text{AsO}_3\text{-AsI}_3$ equimolar mixt. was heated
in a test tube at 130° for 12 hrs., extd. with H_2O , filtered,
and evapd. *in vacuo* at room temp. A white, cryst., slightly
hygroscopic ppt. of AsAsO_3 was obtained. A. Szafrański.

WIECZFFINSKI, K.

Transformation of sodium hypophosphite in a solid phase reaction. p.1231.

ROGZNIKI CHEMII. Warszawa, Poland. Vol. 32, no. 6, 1958.

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

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/ Tentative preparation of some acid salts. Kazimierz
Wluczynski. Biul. Walskowskiej Akad. Tech. im. J. Dabrowskiego
(Warsaw) 8, No. 48, 41-5 (1956) (English summary).
Molar KO₂CrO₄Cl (II) + Ag₃AsO₄ (3:1), I-Co(PO₃)₂ (6:1),
and I-Ag₃PO₄ (3:1) mixts. heated 8 hrs. at, resp., 280, 320,
and 250° (or 30° in C₂H₅); gave products whose at. ratios
were Cr/As 4:1 and Cr/P 3:1, 2:1, and 5:1, resp.; an equi-
molar Na₂Cr₂O₇-Na₃Cr₂O₇ mixt. yielded on heating at 350°
what is thought to be (NaO)₂OPOCr(O)₂(ONa).
A. Szafarski

WIECZFFINSKI, K.; STANCZUK-ROZYCKA, T.

Preparation of arsenious phosphate $AsPO_4$. p. 493

ROCZNIKI CHEMII. (Polska Akademia Nauk) Warszawa, Poland, Vol. 33, no. 2, 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 9, September 1959.
Uncl.

WIECZKINSKI

KAZIMIERZ

Reduction of sodium hypophosphite with hydroxides of some metals in the solid phase. Kaziński-Wieczkiński (Politech., Warsaw). Roczniki Chem. 33, 16-20 (1959) (French summary).—The reactions between solid Na hypophosphite and solid Na, K, Ba, and Al hydroxides at temps. up to 400° were investigated. The scheme of reaction is reduction of NaOH to yield P^{III} and free H₂. The reaction with Ba(OH)₂ proceeded explosively at 180°. The following yields of P^{III} and P^0 , resp., were obtained after 2 hrs. at 300°: Na 10.0, 75.2%; K 23.2, 79.7%; Ba 0.0, 99.0%; Al 69.1, 47.5%. A. Kresinowski

3

4E2c

4E3d

4w
1/1

4w

WIECZFFINSKI, Kazimierz; RUDNICKI, Remigiusz

Application of paper chromatography to the identification of
products of pyrolytic decomposition of sodium hypophosphite.
Chem anal 5 no.3:445-455 '60. (EEAI 10:8)

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ing the generator windings have resulted in the Potier method failing, however, to fulfill its purpose. The author proposes two new methods for determining leakage voltage; these methods are based on the "Swedish" and "American" diagrams and provide the means for simple and ready determination of generator reactance.

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Turbo-Generators.

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Detailed description of the process of overhauling a turbo-generator. The author discusses the causes of cap slipping and presents a method differing from those hitherto practised. The new method consists in using a centring disc and connecting it, by thermal shrinkage, with the rotor cap. This has produced a simple and technically perfect lock which can be carried by skilled turners and welders.

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1. Department of Antibiotics, Institute of Immunology and
Experimental Therapy, Polish Academy of Sciences, Wroclaw;
Chair of Pedology of the Higher Agricultural School, Wroc-
law; Chair and Observatory of Meteorology and Climatology,
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